

Gunter, Jason

From: Adam Nanney <ANanney@barr.com>
Sent: Thursday, April 17, 2014 9:25 AM
To: 'Bodnar, Gen'; Hinkson, Robert; Kator, Martin; Albrecht, Kevin; Bonnell, Bill; Combs, Greg; Hebrank, Art; Hicks, Fred; Johnson, James; Gunter, Jason; Nations, Mark; Missouri Mines State Historic; St. Joe State Park; Stier, Don; Ty Morris; Fitch, Jon; dennis.stinson@dnr.mo.gov; Wiles, Brandon
Subject: RE: Monthly Progress Meeting
Attachments: Draft Pond Design.pdf; DSCF2654.JPG

To continue on with what Gen was talking about and the picture, attached is the draft design that was discussed in previous update meetings. The final design would be included as a record drawing once the project was completed and the area has been surveyed. Shown at the north part of the drawing is the berm that directs the water into the retention pond. Also attached is a another picture that you can see the pond and the berm to the left of the pond (the picture is from far off).

It may be easier to discuss at the meeting on Tuesday, but if you have any other questions let us know.

Thanks

Adam Nanney, PE

Geological Engineer

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resourceful. naturally.



From: Bodnar, Gen [mailto:gbodnar@doerun.com]

Sent: Thursday, April 17, 2014 9:10 AM

To: Hinkson, Robert; Kator, Martin; Adam Nanney; Albrecht, Kevin; Bonnell, Bill; Combs, Greg; Hebrank, Art; Hicks, Fred; James Johnson; Jason Gunter; Nations, Mark; Missouri Mines State Historic; St. Joe State Park; Stier, Don; Ty Morris; Fitch, Jon; Stinson, Dennis; Wiles, Brandon

Subject: RE: Monthly Progress Meeting

Yes the area between the old trestle and Hwy 32 is a secondary retention basin. Here is a photo of water in that basin from yesterday. The lo-flow meander through the basin may be misleading, but water does pond up starting at the North end. We can discuss more Tuesday.

Thanks,

Genevieve Bodnar

Sr. Environmental Engineer

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07WG

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Superfund

From: Hinkson, Robert [<mailto:robert.hinkson@dnr.mo.gov>]

Sent: Friday, April 11, 2014 11:14 AM

To: Kator, Martin; Adam Nanney; Albrecht, Kevin; Bonnell, Bill; Combs, Greg; Bodnar, Gen; Hebrank, Art; Hicks, Fred; James Johnson; Jason Gunter; Nations, Mark; Missouri Mines State Historic; St. Joe State Park; Stier, Don; Ty Morris; Fitch, Jon; Stinson, Dennis; Wiles, Brandon

Subject: RE: Monthly Progress Meeting

At the last progress meeting, and I may be paraphrasing , but I believe Martin made the point that achieving compliance with the water permit effluent limitations by way of the Superfund removal action is a high priority for the Department. After the meeting, Martin, Brandon, and I observed the Shaw Branch Creek area between the old railroad trestle and where Shaw Branch passes under Highway 32 (the compliance sampling point). I thought that at least part of this area was intended to be a second retention basin, but there really is no retention structure at the low end. Since then I have tried to look at some of the design documents, and I find myself uncertain as to what is the approved design for this area, and whether the objective of meeting permit effluent limitations at this outfall as an applicable requirement of the Superfund action will be achieved by the current design. I could use some clarification on these points. Thanks.

-----Original Appointment-----

From: Kator, Martin

Sent: Thursday, April 10, 2014 3:15 PM

To: Adam Nanney; Albrecht, Kevin; Bonnell, Bill; Combs, Greg; Gen Bodnar; Hebrank, Art; Hicks, Fred; Hinkson, Robert; James Johnson; Jason Gunter; Mark Nations; Missouri Mines State Historic; St. Joe State Park; Stier, Don; Ty Morris; Fitch, Jon

Subject: Monthly Progress Meeting

When: Tuesday, April 22, 2014 10:00 AM-12:00 PM (UTC-06:00) Central Time (US & Canada).

Where: Missouri Mines SHS - Shop Building

removed once the existing basin has been cleaned out.
al area.
or to the placement of cover soil or rock cover.
near 24 hour storm.
i discharge to invert of Shaw Branch Creek culvert under Mo
s will be determined once the existing basin has been cleaned out.
is based on information provided by MDNR-DSP. Removal
covering portions of the tested trails that exceed the 600-ppm
work is the responsibility of the MDNR-DSP.
ified sections will be sampled to characterize the content of lead.
will be covered with 12" of trail rock. If the trails are not tested
09.
o start of construction activities on the road.

pond upstream of the railroad will be lined with rock. The rest
getated according to the work plan.
ugh the Gabion Baskets.
water to the designed sedimentation pond. Areas of the
th rock. The channel that runs from the pond to the culvert
stream of the highway will be rockered or vegetated according

(Disposal Area) to the Pond will be lined with Rock. The
Type 3 Riprap and a small berm of Type 3 riprap will be
sediment before reaching the pond.



